



# National Transportation Safety Board Aviation Accident Final Report

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<b>Location:</b>	PLAINVIEW, TX	<b>Accident Number:</b>	FTW83FA424
<b>Date &amp; Time:</b>	09/11/1983, 1425 CDT	<b>Registration:</b>	N29561
<b>Aircraft:</b>	PARTENAVIA P68C	<b>Aircraft Damage:</b>	Destroyed
<b>Defining Event:</b>		<b>Injuries:</b>	1 Fatal

**Flight Conducted Under:** Part 91: General Aviation -

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## Analysis

THE PLT WAS EXECUTING A HIGH SPEED PASS OVER THE RWY AT ABOUT 250 FT AGL. THE PLT THEN BEGAN A RAPID PULL-UP & BOTH WINGS SEPARATED JUST OUTBOARD OF THE ENG NACELLES. RECONSTRUCTION OF THE SEQUENCE FROM A VIDEOTAPE REVEALED THAT THE ACFT'S SPEED AT THE TIME OF THE WING SEPARATIONS WAS 220 KTS. VNE FOR THE ACFT IS 193 KTS. IT WAS CALCULATED THAT, AT 220 KTS & AN 8 DEG NOSE-UP PITCH, THE 'G' LOAD AT THE TIME OF THE WING SEPARATIONS WOULD HAVE BEEN 8.3 G'S.

## Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be:

## Findings

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Occurrence #1: AIRFRAME/COMPONENT/SYSTEM FAILURE/MALFUNCTION  
Phase of Operation: MANEUVERING

### Findings

1. (C) IN-FLIGHT PLANNING/DECISION - IMPROPER - PILOT IN COMMAND
2. (C) OVERCONFIDENCE IN AIRCRAFT'S ABILITY - PILOT IN COMMAND
3. (C) AIRSPEED - EXCEEDED - PILOT IN COMMAND
4. (C) WING - OVERLOAD
5. (C) DESIGN STRESS LIMITS OF AIRCRAFT - EXCEEDED - PILOT IN COMMAND
6. (F) WING - FAILURE, TOTAL
7. (F) WING - SEPARATION

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Occurrence #2: IN FLIGHT COLLISION WITH TERRAIN/WATER  
Phase of Operation: MANEUVERING

## Factual Information

### Pilot Information

<b>Certificate:</b>	Flight Instructor; Commercial	<b>Age:</b>	46, Male
<b>Airplane Rating(s):</b>	Multi-engine Land; Single-engine Land	<b>Seat Occupied:</b>	Left
<b>Other Aircraft Rating(s):</b>		<b>Restraint Used:</b>	Seatbelt
<b>Instrument Rating(s):</b>	None	<b>Second Pilot Present:</b>	No
<b>Instructor Rating(s):</b>	Airplane Multi-engine	<b>Toxicology Performed:</b>	Yes
<b>Medical Certification:</b>	Class 1 Valid Medical--w/ waivers/lim.	<b>Last FAA Medical Exam:</b>	03/03/1983
<b>Occupational Pilot:</b>		<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>			

### Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	PARTENAVIA	<b>Registration:</b>	N29561
<b>Model/Series:</b>	P68C P68C	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	No
<b>Airworthiness Certificate:</b>	Experimental	<b>Serial Number:</b>	266
<b>Landing Gear Type:</b>	Tricycle	<b>Seats:</b>	7
<b>Date/Type of Last Inspection:</b>	08/17/1983, 100 Hour	<b>Certified Max Gross Wt.:</b>	4387 lbs
<b>Time Since Last Inspection:</b>	37 Hours	<b>Engines:</b>	2 Reciprocating
<b>Airframe Total Time:</b>	342 Hours	<b>Engine Manufacturer:</b>	LYCOMING
<b>ELT:</b>	Not installed	<b>Engine Model/Series:</b>	IO-360-A1B6
<b>Registered Owner:</b>	WINDWARD AVIATION INC.	<b>Rated Power:</b>	200 hp
<b>Operator:</b>	WINDWARD AVIATION INC.	<b>Operating Certificate(s) Held:</b>	None

## Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	LBB, 3281 ft msl	Distance from Accident Site:	45 Nautical Miles
Observation Time:	1400 CDT	Direction from Accident Site:	180°
Lowest Cloud Condition:	Unknown / 0 ft agl	Visibility	15 Miles
Lowest Ceiling:	Broken / 3800 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	10 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	180°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30 inches Hg	Temperature/Dew Point:	30° C / 16° C
Precipitation and Obscuration:			
Departure Point:		Type of Flight Plan Filed:	None
Destination:		Type of Clearance:	None
Departure Time:	1410 CDT	Type of Airspace:	Class D

## Airport Information

Airport:	HALE COUNTY (PVW)	Runway Surface Type:	Macadam
Airport Elevation:	3372 ft	Runway Surface Condition:	Dry
Runway Used:	0	IFR Approach:	None
Runway Length/Width:		VFR Approach/Landing:	None

## Wreckage and Impact Information

Crew Injuries:	1 Fatal	Aircraft Damage:	Destroyed
Passenger Injuries:	N/A	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	1 Fatal	Latitude, Longitude:	

## Administrative Information

Investigator In Charge (IIC):	ARMOND V EDWARDS	Report Date:	
Additional Participating Persons:			
Publish Date:			
Investigation Docket:	NTSB accident and incident dockets serve as permanent archival information for the NTSB's investigations. Dockets released prior to June 1, 2009 are publicly available from the NTSB's Record Management Division at <a href="mailto:pubinq@ntsb.gov">pubinq@ntsb.gov</a> , or at 800-877-6799. Dockets released after this date are available at <a href="http://dms.nts.gov/pubdms/">http://dms.nts.gov/pubdms/</a> .		

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The Independent Safety Board Act, as codified at 49 U.S.C. Section 1154(b), precludes the admission into evidence or use of any part of an NTSB report related to an incident or accident in a civil action for damages resulting from a matter mentioned in the report. A factual report that may be admissible under 49 U.S.C. § 1154(b) is available [here](#).